

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050228208").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/10/24 21:46
S2	0	(defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:17
S3	84	(defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same dielectric	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:37
S4	0	(defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same (dielectric with permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:19
S5	1	(defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same (dielectric with permit\$5)	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S6	1	((defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same dielectric) and (measur\$4 with permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:46
S7	2	(defect\$3 with determin\$3 ) same (resin material\$1) same (dielectric\$3 with (permeability permittivity))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:37
S8	0	((defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same dielectric) and (determin\$4 with (dielectric\$3 with permit\$5))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:38

S9	0	((defect\$3 with determin\$3) same (structure railway vehicle\$1 car\$1)) and (determin\$4 with (dielectric\$3 with permit\$5))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:39
S10	1770	(calculat\$4 determin\$4) with permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:39
S11	338	(calculat\$4 determin\$4) with (dielectric\$3 near permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:40
S12	8	S11 and (defect\$3 with detect\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:41
S13	1	S12 and (dpsm)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 18:32
S14	558	dpsm (distribut\$4 with point\$1 with source\$1 with method)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:42
S15	1	S14 and (dielectric\$3 with permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:42
S16	0	S14 and (detect\$3 with material\$1 with (defect\$1 anomalous\$3))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:43
S17	11	S14 and (detect\$3 with defect\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/20 16:43

S24	5	((5760434") or ("5770500") or ("6060355") or ("6090655") or ("6124164")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/02/21 10:45
S25	15	((4505555") or ("4523473") or ("5684626") or ("5930499") or ("5994752") or ("4245615") or ("4246742") or ("4262458") or ("4278111") or ("4291664") or ("4295789") or ("4300492") or ("4304084") or ("4311889") or ("4312386")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/02/21 10:59
S26	1	("7016028").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/02/21 11:00
S27	9	((defect\$1 with monitor\$3) same (permittivity))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 11:02
S28	5	("20020038199"   "20030167616"   "5329465"   "5452438"   "6370957").PN. OR ("7103507").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 11:16
S29	43	((material structure\$1) with (deteriorat\$3 defect\$1 damage\$1) with (dielectric\$3 with permittivity))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:23
S30	8789	((dielectric\$3 adj (constant permittivity)) with (determin\$3 calculat\$3))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:24
S31	79	((dielectric\$3 adj (constant permittivity)) with (determin\$3 calculat\$3)) same (defect\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:24
S32	8	((dielectric\$3 adj (constant permittivity)) with (determin\$3 calculat\$3)) same (defect\$3 near (structure material\$1))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 15:31

S33	0	(structure with ((emission emit\$3) and (detect\$3))) same (defect\$1) same (electric\$3 with field\$1 with component\$1) same (permittivity with (dielectric \$3 constant))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:27
S34	0	(structure with ((emission emit\$3) and (detect\$3))) same (defect\$1) same (electric\$3 with field\$1 with component\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:27
S35	1	(electric\$3 with field\$1 with component\$1) same (permittivity) same (defect \$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:57
S36	701	structur\$3 with (health defect\$3)with monitor\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:57
S37	1	structur\$3 with (health defect\$3)with monitor\$3 with permittivity	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:58
S38	19	(structur\$3 with (health defect\$3)with monitor\$3 ) and permittivity	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:58
S39	13	(structur\$3 with (health defect\$3)with monitor\$3 ) and ( permittivity with (constant\$1 dielectric\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 16:41
S40	1	("2002/0154029").URPN.	USPAT	OR	ON	2007/02/21 15:21
S41	0	liebeaux with placko	USPAT	OR	ON	2007/02/21 15:21
S42	0	liebeaux with n	USPAT	OR	ON	2007/02/21 15:21
S43	24	placko	USPAT	OR	ON	2007/02/21 15:25

S44	0	placko and (distributed near sources)	USPAT	OR	ON	2007/02/21 15:21
S45	898	distributed with sources with method	USPAT	OR	ON	2007/02/21 15:25
S47	10	S45 and magnetic with cores	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 15:26
S48	178	detect\$3 with damage\$1 near structure\$1	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:29
S49	9	(detect\$3 with damage\$1 near structure\$1) same (electromagnetic\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S50	0	(detect\$3 with damage\$1 near structure\$1) same (electromagnetic\$3) and permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:31
S51	0	(detect\$3 with damage\$1 near structure\$1) and dpsm	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:31
S52	0	(detect\$3 with damage\$1 near structure\$1) and (distribut\$3 with point with source\$1 with method\$1)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:32
S53	15	(detect\$3 with damage\$1 near structure\$1) and permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:48
S54	3	(detect\$3 with damage\$1 near structure\$1) and ( permittivity with dielectric \$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:35

S55	0	(detect\$3 with damage\$1 near structure\$1) same (permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:35
S56	0	(detect\$3 with damage\$1 near structure\$1) with (permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:35
S57	9	(detect\$3 with damage\$1 near structure\$1) same electromagnetic\$3	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:37
S58	0	(detect\$3 with damage\$1 near structure\$1) same (electromagnetic\$3 near field\$1)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:37
S59	483	(detect\$3 with ((defect\$1 damage\$1 anomalous\$3) near (structure\$1 resin)))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:38
S60	0	(detect\$3 with ((defect\$1 damage\$1 anomalous\$3) near (structure\$1 resin))) same (permittivity with (constant dielectric\$3))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/21 17:38
S61	3	(detect\$3 with ((defect\$1 damage\$1 anomalous\$3) near (structure\$1 resin))) and (permittivity with (constant dielectric\$3))	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:48
S62	114	(702/38).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/02/23 12:48
S63	1773	calculat\$4 determin\$4) with permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49

S64	1	S62 and S63	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/23 14:03
S65	1	S64 and (defect\$3 damage\$3 anomalous\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/23 14:06
S66	0	S64 and (detect\$3 with defect\$3 with (structure\$3 material\$1))	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/23 14:07
S67	1	(electric\$3 with field\$1 with component\$1) same (permittivity) same (defect \$1)	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/23 14:07
S68	0	S62 and S67	US- PGPUB; USPAT; USOCR	OR	ON	2007/02/23 14:07
S69	120	(702/38).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/10/24 21:49
S70	1	((defect\$3 with determinants\$3 ) same (structure railway vehicle\$1 car\$1) same dielectric) and (measur\$4 with permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:48
S71	0	S69 and S70	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:48
S72	5	(detect\$3 with ((defect\$1 damage\$1 anomalous\$3) near (structure\$1 resin))) and (permittivity with (constant dielectric\$3))	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49

S73	23	(detect\$3 with damage\$1 near structure\$1) and permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S74	1967	(calculat\$4 determin\$4) with permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S75	0	S69 and S72	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S76	0	S69 and S73	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S77	13	(detect\$3 with damage\$1 near structure\$1) same (electromagnetic\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S78	1	(defect\$3 with determin\$3 ) same (structure railway vehicle\$1 car\$1) same (dielectric with permit\$5)	US- PGPUB; USPAT; USOCR	OR	ON	2007/10/24 21:49
S79	126	(702/38).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 17:40
S80	1	("20050228208").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 17:43
S81	462	(600/9).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 17:47

S82	5914	(702/38,39,40,57,58,59,60,121,155,156,188,189,190).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 17:47
S83	131	((calculat\$4 determin\$3) with permittivity	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:48
S84	38	((calculat\$4 determin\$3) with permittivity) and (defect\$3 damag\$3 anomal\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:51
S85	6	((calculat\$4 determin\$3) with permittivity) and (defect\$3 damag\$3 anomal\$4) and (electric\$3 with field\$1 with component\$1)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:51
S86	1	S84 and (S81 S82)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:52
S87	0	S84 and (S81 S82) and S85	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:52
S88	104	(defect\$3 with determin\$3) same (structur\$3 railway vehicle\$1 car\$1) same dielectric\$4	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:52
S89	0	(defect\$3 with determin\$3) same (structur\$3 railway vehicle\$1 car\$1) same (dielectric\$4 with permittivity)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 17:53
S90	0	(defect\$3 with determin\$3) same (structur\$3 railway vehicle\$1 car\$1) same (dielectric\$4 with permittiv\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 18:04

S91	0	(defect\$3 with determin\$3) same (resin material\$1) same (dielectric\$3 with (permeability permittivity))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/15 18:05
S92	0	(health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (dielectric\$3 with radiat\$3) and ((emit\$3 emis\$3) with electromag\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:30
S93	1110	(health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:31
S94	5	(health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:34
S95	45	("20010001311"   "20030020480"   "3444738"   "3755803"   "3975706"   "4302965"   "4556063"   "4594640"   "4750359"   "4912407"   "4929896"   "4977786"   "5075600"   "5420757"   "5423206"   "5423334"   "5608417"   "5750939"   "5832772"   "5873840"   "5881310"   "5909171"   "5942991"   "5975250"   "6025129"   "6025725"   "6025735"   "6111520"   "6164132"   "6165135"   "6250430"   "6278379"   "6335690"   "6359444"   "6384721"   "6412977"   "6450300"   "6463798"   "6490920"   "6532834"   "6639402"   "6677859"   "6834251").PN. OR ("7086593").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:36
S96	1	(health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1) and (magnetic\$3 with dipole\$1) and (generat\$3 with ((mangetic\$3 electromagnetic\$3) with field\$1))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:38
S97	5914	(702/38,39,40,57,58,59,60,121,155,156,188,189,190).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/16 11:40
S98	462	(600/9).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/16 11:40

S99	4871	(324/765,464).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/07/16 11:40
S100	0	S94 and S97	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:41
S101	1	S94 and (S98 S99)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:41
S102	1	(health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1) and (defect\$3 with (detect\$3 determin\$3 sens \$3 monitor\$3))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:41
S103	1	(health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1) and (defect\$3 with (detect\$3 determin\$3 sens \$3 monitor\$3)) and (magnetic\$3 with radial\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:41
S104	10	(dpsm (distribut\$4 with point\$1 with source\$1 with method)) and (S97 S98 S99)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:42
S105	1	(dpsm (distribut\$4 with point\$1 with source\$1 with method)) and (health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:42
S106	1	(dpsm (distribut\$4 with point\$1 with source\$1 with method)) and (health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1) and (obtain\$4 with (electric\$3 with conduct\$4))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:48
S107	1	(dpsm (distribut\$4 with point\$1 with source\$1 with method)) and (health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1) and (obtain\$4 with (electric\$3 with conduct\$4))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:49

S108	0	((dpsm (distrib\$4 with point\$1 with source\$1 with method)) and (health with monitor\$3) and (structur\$3 and (composit\$3 with material\$1)) and (permittivity with area\$1) and (obtain\$4 with (electric\$3 with conduct\$4))).clm.	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:52
S109	0	((defect\$3 with determin\$3) same (structure railway vehicle\$1 car\$1) same dielectric) and (determin\$4 with (dielectric\$3 with permit\$5))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 11:57
S110	1	(structur\$3 with (health defect\$3)with monitor\$3) and ( permittivity with (constant\$1 dielectric\$3)) and (radiat\$4 with extend\$3 with direct\$3) and (conductiv\$3) and (magnetic\$3 with dipole\$1) and ((emis\$4 emit\$3) with magnetic\$3) and (inhomogeneous\$3 with (structur\$3 elements\$3)))	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 12:01
S111	1	(structur\$3 with (health defect\$3)with monitor\$3) and ( permittivity with (constant\$1 dielectric\$3)) and (radiat\$4 with extend\$3 with direct\$3) and (conductiv\$3) and (magnetic\$3 with dipole\$1) and ((emis\$4 emit\$3) with magnetic\$3) and (inhomogeneous\$3 with (structur\$3 elements\$3))).clm.	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 12:09
S112	1	S111 and (S97 S98 S99)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 12:10
S113	1	S110 and (S97 S98 S99)	US- PGPUB; USPAT; USOCR	OR	ON	2008/07/16 12:11

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